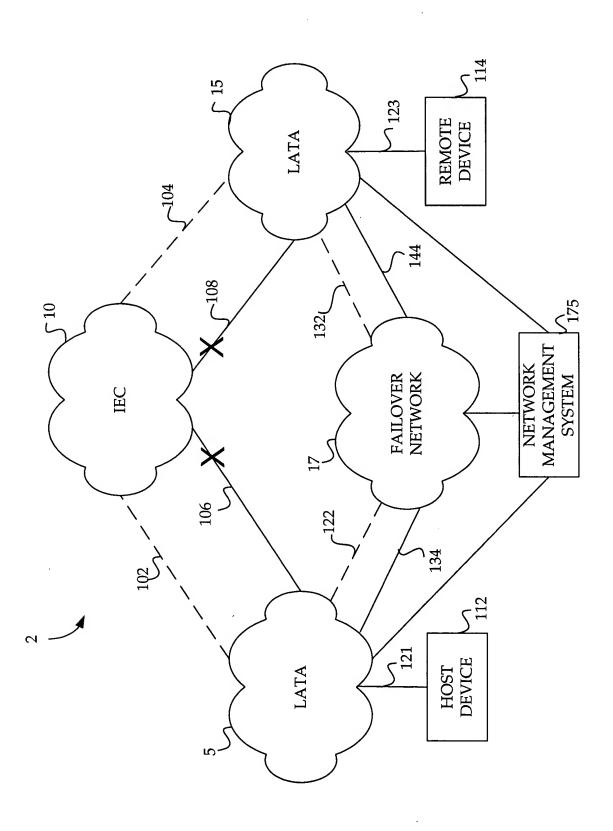
Inventor: William Taylor; David Massengill; John Hollingsworth
Docket No.: 60027.0346US01/BS#030286
Title: Method and System For Automatically Tracking The Rerouting of Logical Circuit Data In

A Data Network

Attorney Name: Alton Hornsby, III Phone No.: 404.954.5100 Sheet 1 of 7

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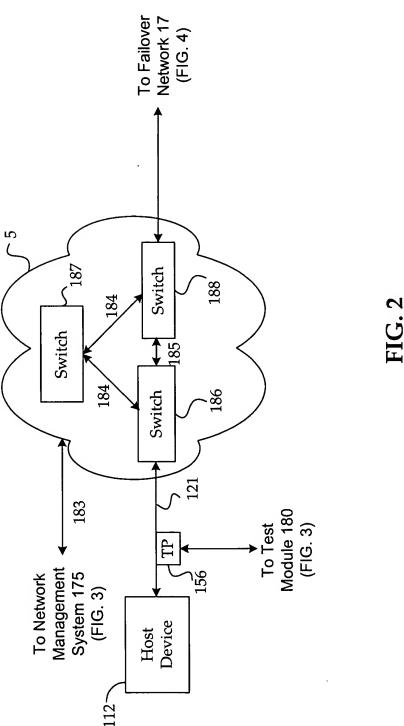


Inventor: William Taylor; David Massengill; John Hollingsworth Docket No.: 60027.0346US01/BS#030286

Title: Method and System For Automatically Tracking The Rerouting of Logical Circuit Data In

Attorney Name: Alton Hornsby, III Phone No.: 404.954.5100 Sheet 2 of 7

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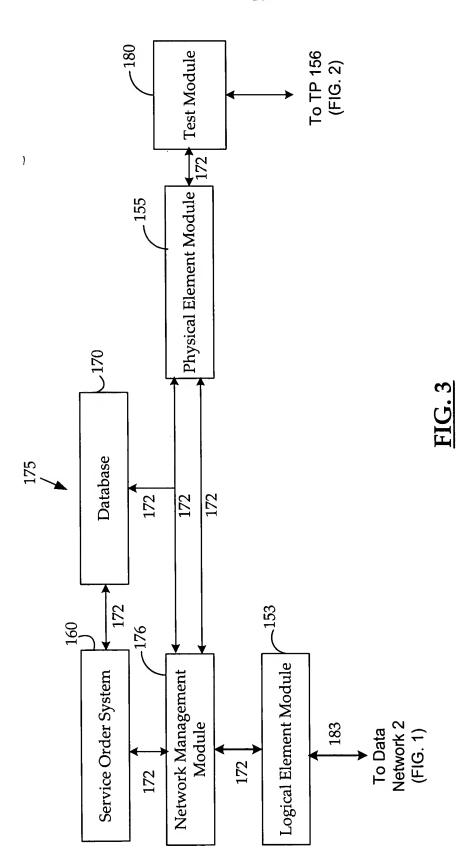


Inventor: William Taylor; David Massengill; John Hollingsworth
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Title: Method and System For Automatically Tracking The Rerouting of Logical Circuit Data In
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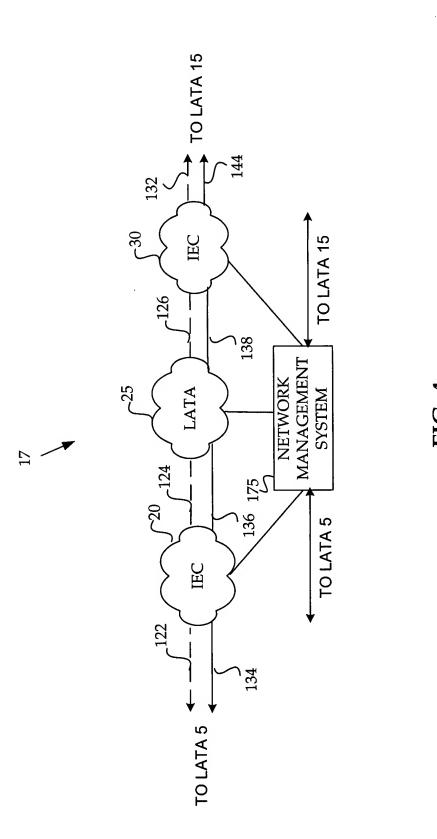




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A Data Network

Attorney Name: Alton Hornsby, III Phone No.: 404.954.5100 Sheet 4 of 7

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Attorney Name: Alton Hornsby, III Phone No.: 404.954.5100 Sheet 5 of 7 5/7 500 **START** Generate current reroute statistics from received - 505 logical circuit trap data Generate table for **FIG. 5** presenting current **- 510** reroute statistics Request updated logical circuit trap 515 data NO 520 Updated trap data available? YES Generate 525 ر updated reroute statistics 530 Update table Generate billing 535 data based on reroute period **END**

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$\overline{190}$	64 J REROUTE PERIOD	2h	4h	49
	62 QUALITY OF SERVICE (QoS)	UBR	UBR	VBR
	60 J UTILIZATION	95	80	20
	58 } HOPS	4	8	4
	56 LOGICAL FAILOVER CIRCUIT ID	901	905	903
	54 REROUTE STATUS	YES	YES	YES
	52 LOGICAL CIRCUIT ID	$66\sqrt{101}$	68^{102}	70^{103}

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$\overline{190}$	64 J REROUTE PERIOD	3h	5h	ሊ	
	62 QUALITY OF SERVICE (QoS)	UBR	UBR	VBR	
	60 2 UTILIZATION	95	80	20	
	58 7 # HOPS	4	3	4	
	56 LOGICAL FAILOVER CIRCUIT ID	901	902	903	
	54 REROUTE STATUS	NO	ON	YES	
	52 LOGICAL CIRCUIT ID	66 101	$68 ^{102}$	70 ∕√ 103	